

Starflam AFR560B1

PA66-(MX+GF)

Eurostar Engineering Plastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	8600	MPa	ISO 527
Stress at break	115	MPa	ISO 527
Strain at break	2	%	ISO 527
Izod notched impact strength, +23°C	5	kJ/m ²	ISO 180/1A
Izod notched impact strength Temperature	3	kJ/m ²	ISO 180/1A
	-40	°C	-
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	245	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	260	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	40	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	80	E-6/K	ISO 11359-1/-2
Oxygen index	30	%	ISO 4589-1/-2
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.75	mm	-
Electrical properties			
ISO Data			
Comparative tracking index	400	-	IEC 60112
Other properties			
Water absorption	4	%	Sim. to ISO 62
Density	1590	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding, Other Extrusion

Features

Low Odor

Delivery form

Pellets

Regional Availability

Europe

Special Characteristics

Flame retardant